

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Shlomo Ben-Haim et al.
Serial No. : Art Unit:
Filed : Examiner:
For : IMPLANTABLE SENSOR FOR DETERMINING
POSITION COORDINATES

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

In advance of the Office Action for the above-identified application, please amend the application as follows:

IN THE SPECIFICATION:

Please delete the title and substitute therefor a new title as follows: -- IMPLANTABLE SENSOR FOR DETERMINING POSITION COORDINATES -

IN THE ABSTRACT:

Please delete the abstract and substitute therefor a new abstract which is on a separate sheet and attached hereto.

IN THE CLAIMS:

Please cancel Claims 1-24 without prejudice and substitute new Claims 25-38 as follows:

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a position sensor adapted for implantation at a point within a patient's body, the position sensor being a wireless transponder for transmitting or receiving an ultrasound wave for determination of position coordinates of the position sensor at the point.

33. The device according to Claim 32, further comprising a connection mechanism for fixing the position sensor to the point within the patient's body.

34. The device according to Claim 33, wherein the position sensor is placeable at an outer surface of an organ.

35. The device according to Claim 33, wherein the position sensor is placeable at an inner surface of an organ.

36. The device according to Claim 35, wherein the organ is the heart.

37. The device according to Claim 36, wherein the point is on a valve of the heart.

38. The device according to Claim 33, further comprising a fiducial marker associated with the position sensor for identifying the position sensor on an image.

REMARKS

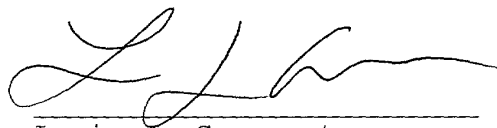
New Claims 25-38 are in the case and are presented for consideration. Original Claims 1-24 have been canceled without prejudice. The present application is a continuation application

under 37 CFR § 1.53(b) of U.S. patent application Serial No.
09/381,753 filed April 13, 2000 (Applicants' Docket No. BIO-66).

The support for new Claims 25-38 is found in the
specification, for example, page 3, lines 13-23; page 12, lines
16-23; page 13, lines 15-21; page 14, lines 24-32; page 15, lines
5-10; and Figs. 3-4.

Accordingly, favorable action is respectfully requested.

Respectfully submitted,



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Attachment: Abstract